

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	806	703/2.ccor.	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L2	3	((4973174") or ("6137293") or ("5365179")).PN.	US-PGPUB; USPAT	OR	OFF	2005/05/13 17:39
L3	427	scattering adj matrix	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L4	14776	dielectric with loss	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L5	33	L3 and L4	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L6	22	L5 and port	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L7	14	L6 and @ad<="20010212"	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L8	33	L3 and L4	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L9	63575	transmission adj line	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L10	11620	L9 and model\$4	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L11	714	L4 and L10	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L12	63	L3 and L10	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L13	11	L11 and L12	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L14	5	L13 and @ad<="20010212"	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L15	471	703/14.ccor.	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L16	301	703/13.ccor.	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L17	80	703/18.ccor.	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L18	22	L5 and port	US-PGPUB; USPAT	OR	ON	2005/05/13 17:39
L19	7	((5946482") or ("5610833") or ("5283462") or ("5379231") or ("6460165") or ("5729076") or ("4689586")).PN.	US-PGPUB; USPAT	OR	OFF	2005/05/13 17:39
L20	13	("5946482").URPN.	USPAT	OR	ON	2005/05/13 17:39
L21	11	("5047970" "5798938" "5815687" "5825673" "5828579" "5946482" "5949689" "5999714" "6040716" "6344759" "6363515").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 17:39

		Results
10.	((((pub-date > 1959 and pub-date < 2002 and FULL-TEXT(scattering matrix)) and transmission line) and port) and reflection coefficient) and dielectric [All Sources(- All Sciences -)]	10
9.	((((pub-date > 1959 and pub-date < 2002 and FULL-TEXT(scattering matrix)) and transmission line) and port) and reflection coefficient [All Sources(- All Sciences -)])	24
8.	((pub-date > 1959 and pub-date < 2002 and FULL-TEXT(scattering matrix)) and transmission line) and port [All Sources(- All Sciences -)])	52
7.	(pub-date > 1959 and pub-date < 2002 and FULL-TEXT(scattering matrix)) and transmission line [All Sources(- All Sciences -)])	107
6.	pub-date > 1959 and pub-date < 2002 and FULL-TEXT(scattering matrix) [All Sources(- All Sciences -)])	4781
5.	((((pub-date > 1959 and pub-date < 2002 and FULL-TEXT(dielectric loss)) and scattering matrix) and transmission line) and reflection) and port [All Sources(- All Sciences -)])	13
4.	((((pub-date > 1959 and pub-date < 2002 and FULL-TEXT(dielectric loss)) and scattering matrix) and transmission line) and reflection [All Sources(- All Sciences -)])	14
3.	((pub-date > 1959 and pub-date < 2002 and FULL-TEXT(dielectric loss)) and scattering matrix) and transmission line [All Sources(- All Sciences -)])	15
2.	(pub-date > 1959 and pub-date < 2002 and FULL-TEXT(dielectric loss)) and scattering matrix [All Sources(- All Sciences -)])	25
1.	pub-date > 1959 and pub-date < 2002 and FULL-TEXT(dielectric loss) [All Sources(- All Sciences -)])	5005

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101

#2 (model*<and>port<and>resistance<and>inductance<and>capacitance)
<and> (pyr >= 1951 <and> pyr <= 2001)

2112

#3 ((scattering matrix<and>transmission line<and>dielectric loss*) <and>
(pyr >= 1951 <and> pyr <= 2001)) <AND>
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<and> (pyr >= 1951 <and> pyr <= 2001))

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 the components of interconnect systems. A **scattering matrix** is employed to relate outgoing waves to speed of electromagnetic signals in the **dielectric** medium. This propagation delay, so called extracting the propagation delay of the lossy **transmission line** and developing an efficient network
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 of a linear circuit is specified by a **scattering matrix**, a noise wave correlation matrix, and an Film Fujitsu FHR02X Transformer Attenuator Dielectric Fujitsu FHX13X 180 #Hybrid Terminator Terminator Microstrip Kukje HEMT 90 #Hybrid **Transmission Line** Circulator Radial Stub Voltage Source Time
 www.submm.caltech.edu/papers/pdf/1999-03-STT-Ward.pdf

[Inhomogenous Dielectric Media: Wave Propagation and ..](#) - Baganas, Kehagias, ... (2001) (Correct)
 asymptotic matching [2, 8]the propagation/**scattering matrix** method [2] etc. In this work we propose an Kehagias and A. Charalambopoulos. Inhomogenous Dielectric Media: Wave Propagation and **Dielectric** used by finite difference methods [6]the **Transmission Line** method [7]the WKB method together with users.auth.gr/~kehagi@kehPub/journal/2001Dinos.ps

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 congruence transformation, the computation of **scattering matrix** of the coupled **transmission lines** then including those of the thickness of the **dielectric** material, the distance which the coupled lines Transient Analysis of Coupled **Transmission Lines** Using Scattering Parameter Based
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 impedances is the complexity of deriving a **scattering matrix** using the standard approach of demanding results for a canonical resonator loaded with **dielectric** layers are presented for different grading characteristic impedance of interconnected **transmission lines** (also called link lines) is kept constant
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 node spacing, I is identity matrix, S the TLM **scattering matrix** and P a connection matrix. The scattering comprising H z E x E y field components in a **dielectric** r =1)an analytical dispersion expression higher computational efficiency. Keywords-**Transmission line** matrix method I. Introduction The
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 matrix and, introducing power waves, also a **scattering matrix** can be defined to describe the dynamical of Planar Gratings with Periodic Distribution of Dielectric Constant Elmar Griese Siemens Nixdorf which can be solved using conventional **transmission line** theory. Introduction Due to their field of
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